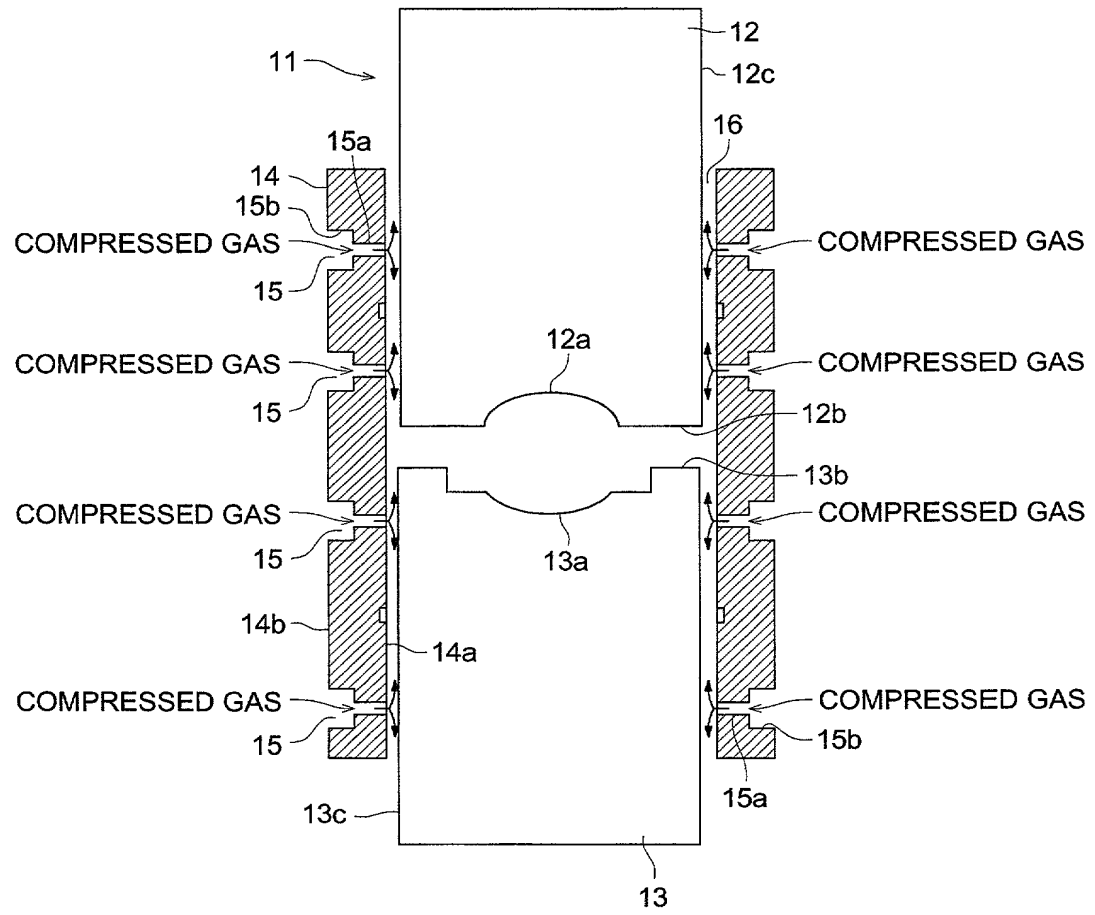


FIG. 1



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FIG. 2 (a)

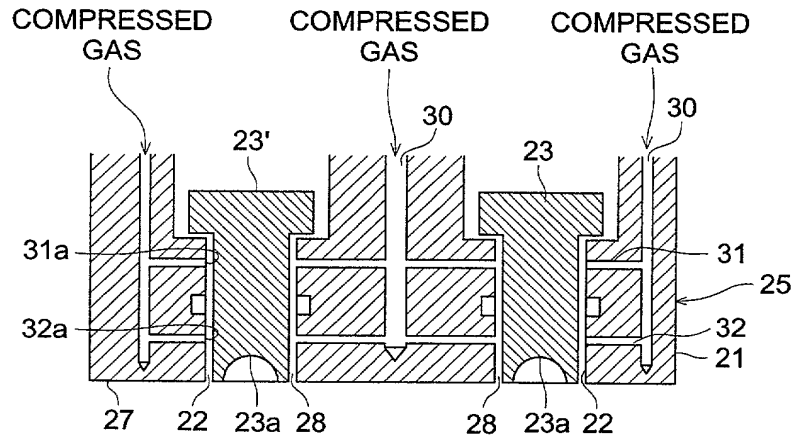


FIG. 2 (b)

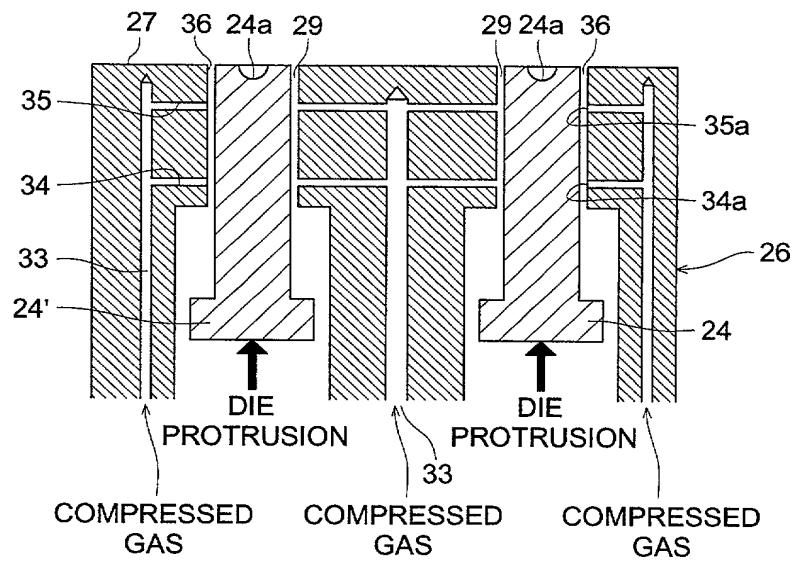
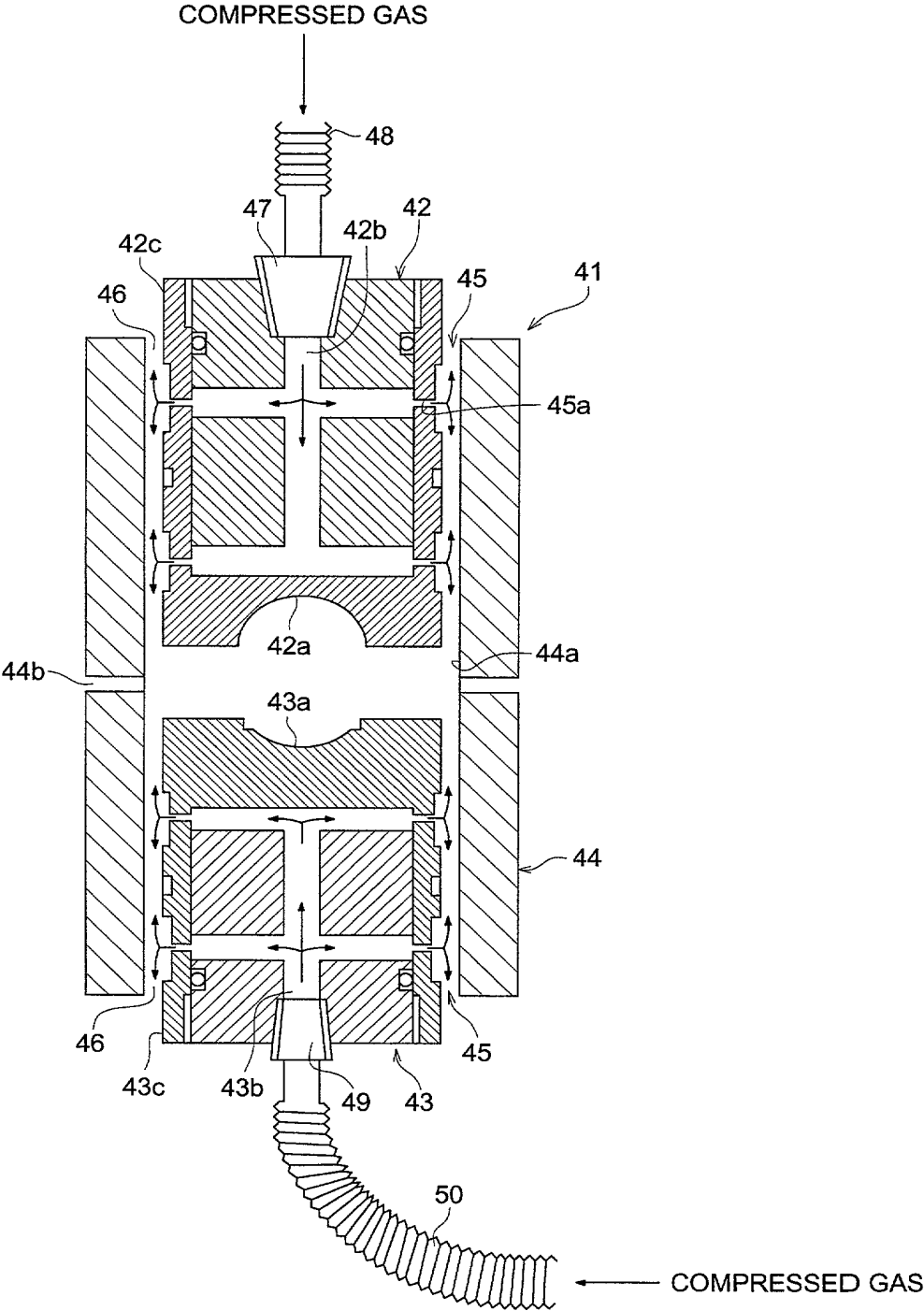


FIG. 3



The diagram illustrates a cross-section of a gas turbine engine's compressor section. Key components labeled include:

- 12**: Compressor rotor assembly.
- 12a**, **12b**: Hub and tip of the rotor.
- 13a**, **13b**: Internal features or gaps within the rotor.
- 14**, **14a**: Bearings supporting the rotor shaft.
- 16**: Rotor shaft.
- 18**: Stationary compressor vanes.
- 19**: Rotating compressor blades.
- 51**: Engine casing.
- 53**, **54**: Inlet guide vanes.
- 55a**, **55b**: Fuel manifolds.
- 56**, **57**: Fuel nozzles.
- 58a**, **58b**, **59a**, **59b**: Fuel injection ports.
- 60**, **61**, **62**: Fuel supply lines and control systems.
- 61a**, **61b**, **62a**, **62b**: Fuel distribution channels.
- 60a**: A specific fuel inlet point.
- h**: A dimension or distance parameter.
- COMPRESSION GAS**: Indicated at the bottom, pointing towards the fuel supply area.

FIG. 5

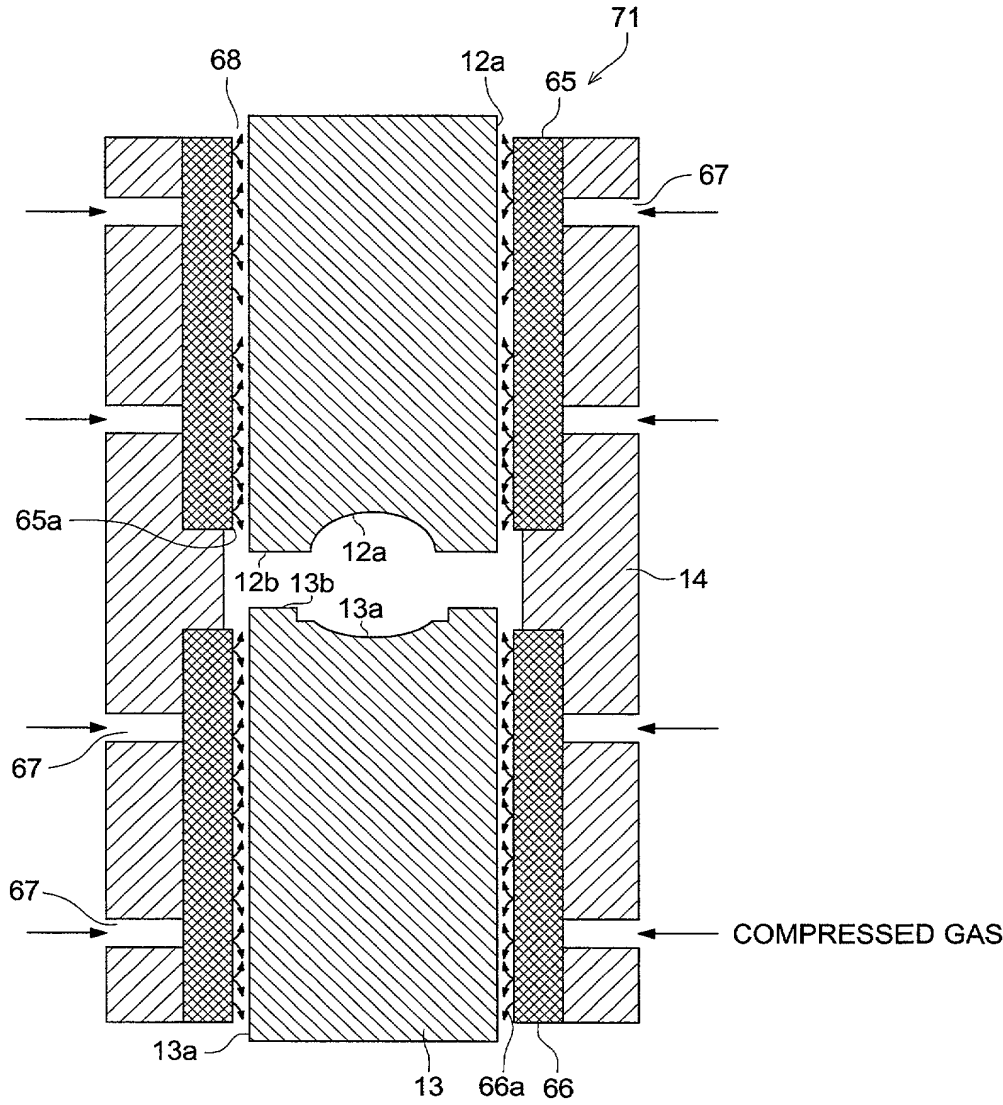


FIG. 6 (a)

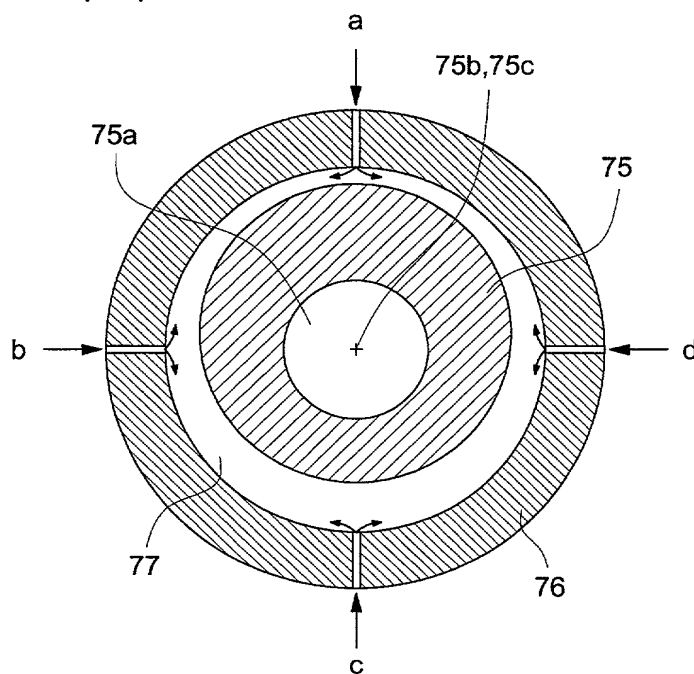


FIG. 6 (b)

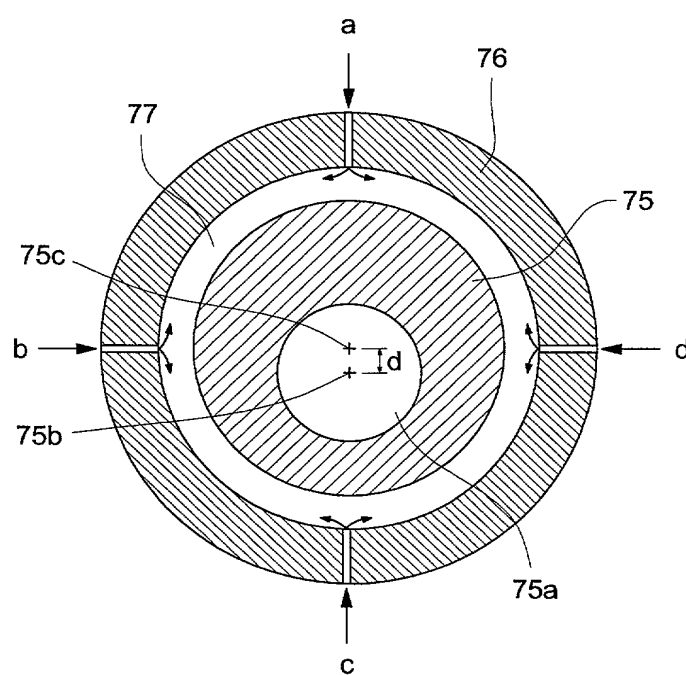


FIG. 7

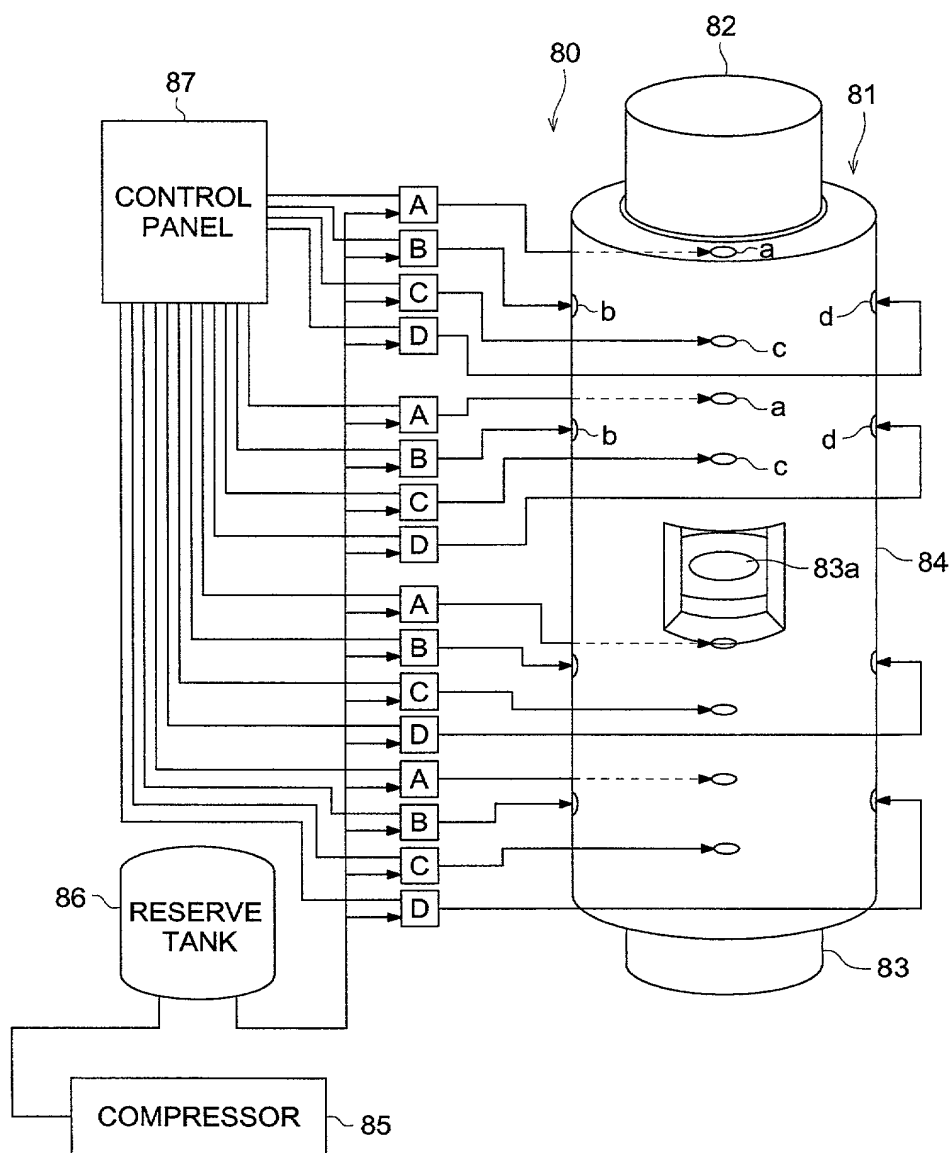


FIG. 8

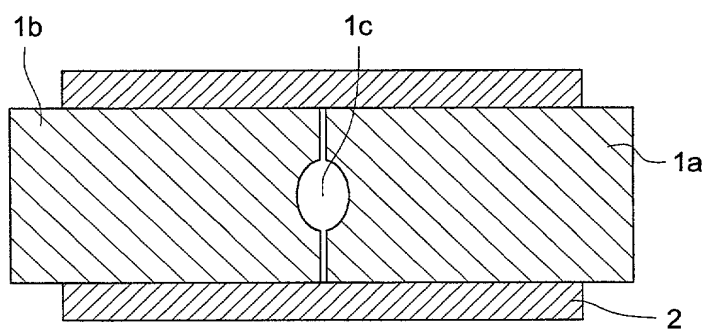


FIG. 9

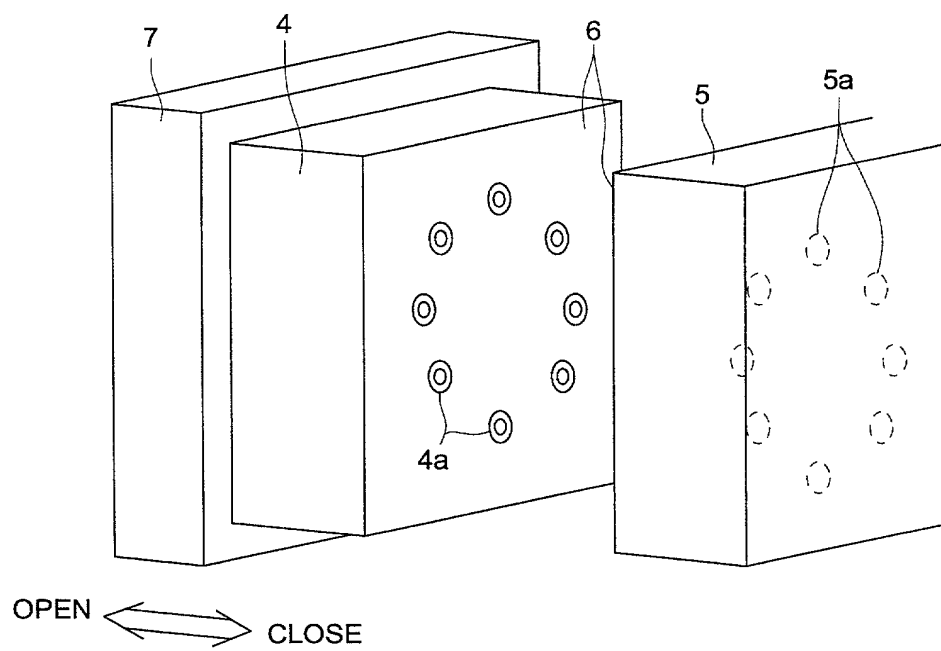




FIG. 10

